



Date: 02/11/16 Rev.: 01		Material Specification for Plaster (Forsterite)		 IRAN ALLOY STEEL CO.										
ID code : 7007040002		Area : Tundish Working Layer		Storage site : PU46										
General properties														
Basic Components: Magnesia - Forsterite			Bonding System: Chemical Bond											
Classification: Dead Burned Magnesia - Forsterite														
<u>Chemical composition (wt. %) :</u> <table border="0"> <tr> <td>MgO</td> <td>Min 70.0</td> </tr> <tr> <td>SiO₂</td> <td>13.0-18.0</td> </tr> <tr> <td>Fe₂O₃</td> <td>Max 4.0</td> </tr> <tr> <td>CaO</td> <td>2.0-3.0</td> </tr> </table>			MgO	Min 70.0	SiO ₂	13.0-18.0	Fe ₂ O ₃	Max 4.0	CaO	2.0-3.0	<u>Fig.</u> 			
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			<u>Map No.:</u>											
<u>Sieve analysis /Dimension:</u> Max 1 mm														
<u>Physical properties :</u> <table border="0"> <tr> <td>Bulk Density</td> <td>1.9-2.0</td> <td>g/cm³</td> </tr> <tr> <td>Poured Density</td> <td>1.2-1.3</td> <td>g/cm³</td> </tr> <tr> <td>Drinking Water Required On Site</td> <td>20-25</td> <td>%</td> </tr> </table>						Bulk Density	1.9-2.0	g/cm ³	Poured Density	1.2-1.3	g/cm ³	Drinking Water Required On Site	20-25	%
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<u>Remark:</u> Keep in cool & dry place. Don't use if the product lumped.														
<u>Packing:</u> 1000 Kg Bags														
<u>Shelf life:</u> <input checked="" type="checkbox"/> 6 Month NA <input type="checkbox"/>														
<u>Life time:</u> It is necessary for this part to perform properly in continuous casting for at least 15 hours.														
<u>Quality Check:</u> Certificate from supplier and laboratory test														
Edited: Zarezadeh Ehsan		Checked: Eslampour Mahdi		Approved: Jafarzadeh Mohammad Ali										